



AX300

- OBD-II and JBUS compatibility
- Dual CAN bus & Bluetooth support
- Plug-and-play installation

The AX300 is an LTE-M1 vehicle tracker that plugs into your vehicle's OBD-II or JBUS port and instantly gets full tracking and monitoring diagnostics information. Additional features include dual CAN bus support, and harsh events through the enhanced three-axis accelerometer and Bluetooth connectivity.

Detailed Vehicle Data

Armed with auto-detect dual CAN bus support, the AX300 allows fleet operators to retrieve detailed vehicle engine data over the vehicle's OBD-II or JBUS.

Bluetooth Enabled

Equipped with Bluetooth connectivity, the AX300 supports ELD, BLE beacons, Driver ID tags, and easily integrates with wireless sensors that monitor temperature, humidity and TPMS among others.

GPS Tracking

Equipped with GPS & LTE Cat. M1 connectivity, the AX300 ensures fast and reliable telematics data transmission between the vehicle and the IntelliHub platform.

Plug-and-Play

With the AX300, installation is as simple as plugging the tracker into your vehicle's OBD-II or JBUS port, starting the engine, and watching it appear online with IntelliHub.

CELLULAR DATA

Antenna	Embedded cellular antenna
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GPS

Receiver Type	33 Tracking channels 99 Acquisition channels
Location Tech	GPS & GLONASS
SBAS Support	WAAS, EGNOS, GAGAN, MSAS
Tracking Sensitivity	-167dBm
Acquisition Sensitivity	-149dBm
Accuracy	2.5m CEP 50%
Antenna	Internal

ENVIRONMENT

Operating Temperature	-40°C to 60°C (connected to primary power) -20°C to 60°C (operating on internal battery)
Humidity	95%RH @ 50°C non-condensing
Vibration/Shock	MIL-STD-810G, SAE J1455

SENSORS

Accelerometer	3-axis ±16g
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CERTIFICATIONS

Standards	FCC, IC, PTCRB, RoHS
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ELECTRICAL

Operating Voltage	Vehicle 12V / 24V system
Current Consumption	Operating: 100mA @ 12V Deep Sleep: 3.3mA @ 12V
Backup Battery	3.7V 250mAh

INPUT OUTPUTS

Vehicle BUS Protocols	ISO 15765-4 Dual SAE J1939 SAE J1587/J1708 OEM CAN Data
LED Indicators	3 LEDs (Power, Cellular, GPS)
Buzzer	>70dB @ 10cm
Bluetooth*	Low Energy v5.0, Class 3

PHYSICAL

Dimensions	66.8 mm × 50mm × 23mm (2.62" x 1.96" x 0.90")
Weight	50g (0.11lb)
Enclosure	Flame Retardant PC

CONNECTORS

OBD-II connector	- Configuration Interface - Optional adapter for DEUTSCH - 6Pin / 9Pin Connector, RP1226 Connector
SIM Card Socket	Internal NanoSIM (4FF)
Configuration Interface	Micro USB connector

MEMORY

Internal Flash Memory	16 Mb
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* Optional